

# Graz Medical University

Department of Biological Sciences  
Summer Internship  
Vanessa Cruise

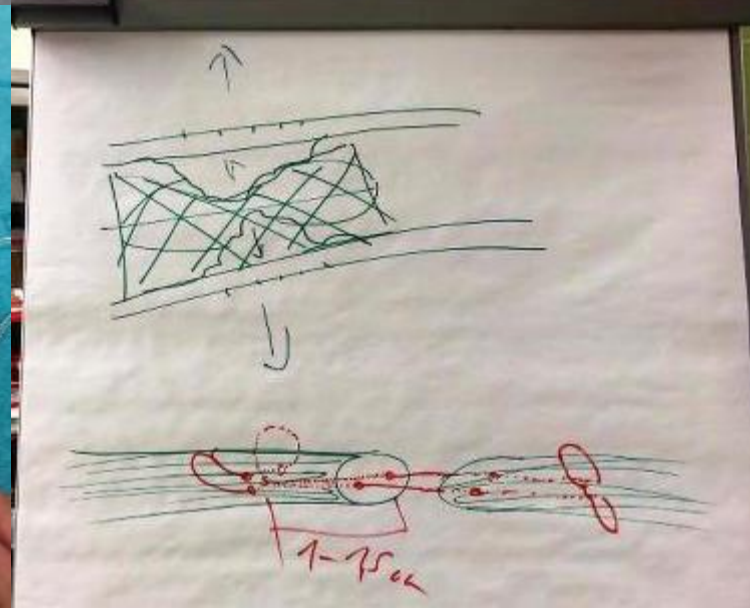
# Why?

- Exposure to the hospital setting
- Insight to career plans
- Hands-on medical & surgical experience
  - To an extent not typically available to undergraduate students
- Develop & strengthen skills
- Receive advanced training, place yourself ahead

# What you have to look forward to...

- 6 weeks under the Department of Transplantation Surgery
- Patient room rotations
- OR shadowing & surgical assisting
- Consults to other departments
- Workshops
- Lectures
- Holidays & travel, cultural exposure

# Still not excited?







# Surgical Experience

- Explantation (2 observed, 3 assisted)
- Kidney transplant (1 observed, 1 assisted)
- Liver resection (2 assisted)
- Laparoscopic cholecystectomy (2 observed)
- Laparoscopic gastrectomy (2 observed)
- Roux-Y anastomosis (2 observed)
- Portimplant/port-a-cath (4 observed, 1 assisted)
- Pacemaker replacement (2 observed)
- Mandible resection (1 observed)

- Drainage tube removal (1 experience)
- Rigid colon content removal (1 assisted)
- Septic pt. review of necrotizing fasciitis, amputee (1 assisted)
- Pseudo-cystic pancreas (1 assisted)
- Nephrectomy (1 observed, 1 assisted)
- Whipple surgery (1 assisted)
- Liver resection + cholecystectomy + sigmoid tumor removal + bladder/ureter resection + r. adrenalectomy + diaphragm resection (1 observed)
- Laparoscopic splenectomy (1 observed)
- Revision 18.06.19 case (1 observed)

- Liver transplant (1 ½ assisted, 1 ½ observed)
- Back-table prep kidney (2 assisted)
- Whipple's revision (1 assisted)
- Back-table prep liver (1 assisted)
  
- Total observed: 21 ½ surgeries
- Total assisted: 17 ½ surgeries



# Addendum

- Lecture
- Interdisciplinary



- Workshop



# Explantation in Villach- A Special Opportunity

- Graz, Austria → Villach, Austria = about 2 hours
- Lights & sirens
- Liver retrieval
- Organized, orchestrated chaos
- Independent steps—closing



# A Preview into the People

Casual & Kind

## Furthering Education

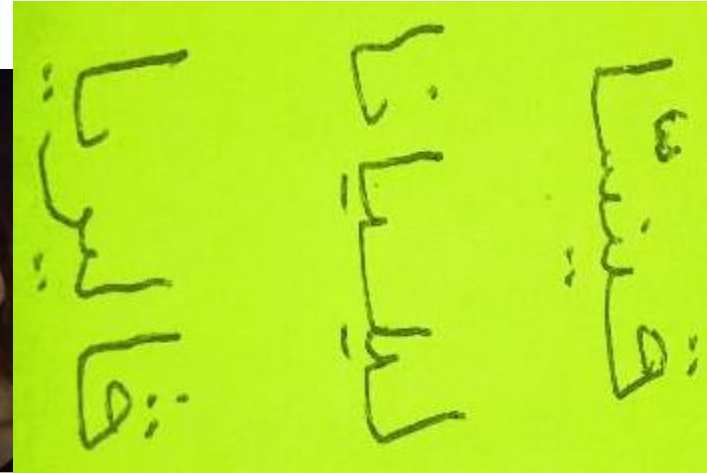
- Overnight: EMT ambulance
  - EMT offers crash course
- Dr. Wisiak
  - German

## Outreach

- Overnight: ER patient
  - During break stared conversation
- Dead charger panic
  - Kind stranger offered assistance



# World



@danaarouri96  
@nmbelal  
@lochness9051  
🤔🤔🤔



# Sightseeing



# Housing Experience

- 3 roommates
  - Czech Republic
    - Spoke Slovenian
    - Studying Spanish
  - Netherlands
    - Spoke Dutch & German
    - Education → teacher
  - Czech Republic
    - Spoke Slovenian
    - Studying Statistics



# Impact

- This experience not only solidified my decision to pursue a career in the field of surgery, it solidified my longing to take my career around the world.
- Before this experience, part of me thought I would end up working at a hospital within the U.S. for the entirety of my career. However, after seeing the influence being placed in an entirely different medical environment had on my view on the practice of medicine and my learning, I decided I definitely want to take my skills around the world to help those in need

# Winter vs. Summer

- Winter:
  - 2 credit Biology Independent Study
  - Training
    - Skills workshops & assessments
    - Assignments
      - Article Analyses
      - German Medical Terminology
      - Get-To-Know Graz
- Summer:
  - Internship abroad

# Requirements

- Registered Halmos College Junior or Senior for Fall 2020
- Successfully completed Anatomy & Physiology, Medical Terminology
- Science GPA 3.0+
- Preference given to students who have completed upper-level biology courses
- Committee interview, if qualified

# A Special Thank You To

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Dr. Aarti Raja